



THOMAS L. GARTHWAITE, M.D.
Director and Chief Medical Officer

FRED LEAF
Chief Operating Officer

COUNTY OF LOS ANGELES
DEPARTMENT OF HEALTH SERVICES
313 N. Figueroa, Los Angeles, CA 90012
(213) 240-8101

BOARD OF SUPERVISORS

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First District

Yvonne Brathwaite Burke
Second District

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Michael D. Antonovich
Fifth District

September 1, 2005

The Honorable Board of Supervisor
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

**APPROVAL OF ACCEPTANCE OF A LETTER OF GRANT AWARD FROM THE STATE OF
CALIFORNIA, DEPARTMENT OF HEALTH SERVICES, VECTOR-BORNE DISEASE
SECTION (All Districts) (3 Votes)**

IT IS RECOMMENDATION THAT YOUR BOARD:

1. Approve and instruct the Director of Health Services, or his designee to accept and sign Letter of Award No. VBDS-MCF-029, substantially similar to Exhibit I, from the State of California, Department of Health Services, Vector-Borne Disease Section, to provide funding support to enhance and expand mosquito control efforts to residents in the unincorporated areas of the northern region of the County, effective July 1, 2005 through June 30, 2006, in the amount of \$19,425.
2. Delegate authority to the Director of Health Services, or his designee, to accept and sign future amendments to Grant Award No. VBDS-MCF-029, which do not exceed 30% of the base award, for the period of July 1, 2005 through June 30, 2006, subject to review and approval by County Counsel and notification of the Board Offices.

PURPOSE OF THE RECOMMENDED ACTIONS/JUSTIFICATION:

Approval of the recommended action allows the Department of Health Services (DHS or Department) to accept funding from the State of California's (State) Vector-Borne Disease Section (VBDS) to enhance and expand mosquito control to mitigate the transmission of mosquito transmitted airborne viruses (e.g., West Nile virus) to residents of the uncovered northern region of the County.

FISCAL IMPACT/FINANCING:

The total program cost for the period of July 1, 2005 through June 30, 2006 is \$19,425, 100% offset by State funding.

Expenditures for this program will be absorbed within existing resources in the Fiscal Year 2005-06 Adopted Budget.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS:

While the majority of Los Angeles County residents are provided with exceptional surveillance and control services through the efforts of various mosquito and vector control districts, an estimated 186,000 residents, living in an area approximately 1,500 square miles in the northern portion of the County, are without these services.

Early in 2004, the Board voted unanimously to allocate emergency funds that would provide contracted mosquito surveillance and abatement services to residents living in uncovered areas. The period designated for temporary services was for the term of July 1, 2004 through June 30, 2005. Since all funds allocated were of a temporary nature, it was hoped that residents in the affected area would eventually vote to begin the annexation process to become a permanent part of an existing mosquito abatement district.

This northern portion was not part of the annexation and therefore is being covered through an existing agreement. The Mosquito Control Grant Award will offset the cost of the services currently being provided.

As of July 14, 2005, only the residents in the areas of Quartz Hill, Rancho Vista, and West Palmdale have approved annexation to the Antelope Valley Mosquito and Vector Control District (MVCD).

On July 26, 2005, DHS' Environmental Health Vector Program (EHVP) received Grant Award No. VBDS-MCF-029 in the amount of \$19,425, from the State's VBDS to enhance and expand mosquito control to mitigate the threat of West Nile virus transmission to the residents of the uncovered northern region of the County. DHS EHVP will coordinate and arrange with a neighboring mosquito control agency that has a cooperative agreement with the State DHS to provide mosquito control services for uncovered regions of the County.

Attachment A provides additional information.

County Counsel has approved Exhibit I as to form.

CONTRACTING PROCESS:

Not applicable. It is not appropriate to advertise grants on the Los Angeles County Online Web Sites as a contract/business opportunity.

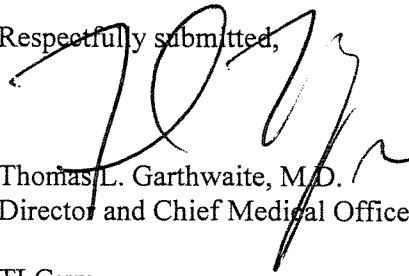
The Honorable Board of Supervisors
September 1, 2005
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IMPACT ON CURRENT SERVICES (OR PROJECTS):

Acceptance of the grant funds will allow DHS EHVP to provide mosquito control services for residents of the uncovered Northern region of the County.

When approved, this Department requires four signed copies of the Board's action.

Respectfully submitted,



Thomas L. Garthwaite, M.D.
Director and Chief Medical Officer

TLG:rm

Attachments (2)

c: Chief Administrative Officer
County Counsel
Executive Officer, Board of Supervisors

BLTCD4013.RM.wpd

SUMMARY OF AGREEMENT

1. TYPE OF SERVICE:

A Grand award from the State's Vector-Borne Disease Section is being awarded to enhance and expand mosquito control to mitigate the threat of West Nile virus transmission to the residents of the uncovered northern region of the County.

2. AGENCY ADDRESS AND CONTACT PERSONS :

California Department of Health Services
Vector-Borne Disease Section
1616 Capital Avenue, M..S 7307
Sacramento, California 95899-7413
Attention: Vicki Kramer, Ph.D., Chief
Telephone Number: (916) 552-9730
FAX: (916) 552-9725

3. TERM:

The term of the grant award is July 1, 2005 through June 30, 2006.

4. FINANCIAL INFORMATION:

The total program cost for the period of July 1, 2005 through June 30, 2006 is \$19,425, 100% offset by State funding.

Expenditures for this program will be absorbed within existing resources in the Fiscal Year 2005-06 Adopted Budget.

5. GEOGRAPHIC AREAS SERVED:

Countywide.

6. ACCOUNTABLE FOR MONITORING:

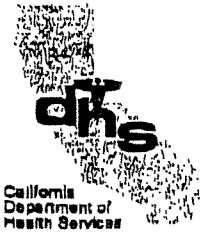
Arturo Aguirre, Director, Environment Health

7. APPROVALS:

Public Health: John F. Schunhoff, Ph.D., Chief of Operations

Contracts and Grants Division: Cara O'Neill, Chief

County Counsel (approval as to form): Christina A. Salseda, Deputy County Counsel



SANDRA SHEWRY
Director

State of California—Health and Human Services Agency
Department of Health Services



ARNOLD SCHWARZENEGGER
Governor

July 26, 2005

Mr. Frank Hall
Los Angeles County Department of Health Services
Environmental Health
5050 Commerce Drive
Baldwin Park, CA 91706

Dear Mr. Hall:

LETTER OF AWARD Mosquito Control Award # VBDS-MCF-029

FUNDING PERIOD July 1, 2005 through June 30, 2006

This letter is confirmation of your award of local assistance funding to enhance and expand mosquito control as described in the Application for State Funds for Mosquito Control, and as indicated in Forms A and B of that application as submitted by your agency to the California Department of Health Services (DHS) on July 20, 2005. Forms A and B shall herein after be referred to as the Agency's Approved Application (see enclosed). To accept this award, your agency must agree to the provisions as set forth in the Application for State Funds for Mosquito Control and in the Agency's Approved Application.

AWARD

The DHS Vector-Borne Disease Section (VBDS) is awarding \$19,425.00 to the Los Angeles County Department of Health Services, Environmental Health. These funds shall be expended to enhance mosquito control efforts as stipulated in the Application for State Funds for Mosquito Control and in your Agency's Approved Application for the purpose of reducing the risk of West Nile virus transmission to residents within your jurisdiction.

In accepting these funds, your agency agrees that it will notify DHS of any budget revisions as described in the Application for State Funds for Mosquito Control, and will provide DHS with mid-year and final progress reports on forms provided (due December 31, 2005 and June 30, 2006). DHS reserves the right to audit expenditures and recover funds that are not expended consistent with the Application for State Funds for Mosquito Control and your Agency's Approved Application. Appropriate records (such as payroll, purchase orders, receipts, contracts, and other generally accepted accounting documents, and accounting procedures used) must be kept by your agency until June 30, 2009.

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July 26, 2005

ACCEPTANCE OF YOUR AWARD

To acknowledge your acceptance of this award and the associated conditions described herein, please return the enclosed "Acceptance of Award" form signed by a duly authorized representative of your agency. Please provide an original signature using blue ink on the Acceptance of Award form. Please attach this two page Letter of Award to the "Acceptance of Award" form. **The DHS VBDS cannot provide award funds until we have received this document.**

If your agency is receiving less than the full funding requested in your application, please revise Form B, parts 1 and 2, and resubmit to DHS VBDS so that the revised budget reflects the amount awarded to your agency. DHS is allowing award recipient agencies to determine how best to modify their budget. However, for each of the four budget categories, the amount indicated in revised Form B can not exceed the amount indicated for that category in the original application. The four categories include: personnel, mosquito control products, mosquito control equipment, and contracts for aerial application.

Please fax a copy of the signed Acceptance of Award document to (916) 552-9725 as soon as possible. The effective date of your award will be based on the date VBDS receives a copy of the Acceptance of Award document.

In addition, please mail your original signed Acceptance of Award, and if necessary, revised Form B (parts 1 and 2), to one of the following addresses.

U.S. Postal Mail

California Department of Health Services
Vector-Borne Disease Section
1616 Capitol Ave., MS 7307
P.O. Box 997413
Sacramento, CA 95899-7413

Attn: Vicki Kramer, Award Acceptance

Overnight Mail Service

California Department of Health Services
Vector-Borne Disease Section
MS 7307
1616 Capitol Ave., Suite 74.330
Sacramento, CA 95814

Attn: Vicki Kramer, Award Acceptance

Programmatic and fiscal questions related to this award should be directed to Ms. Katharine Shira at the VBDS Sacramento office (916) 552-9730.

Sincerely,



Vicki L. Kramer, Ph.D., Chief
Vector-Borne Disease Section

Enclosure: Acceptance of Award form

California Department of Health Services

Vector-Borne Disease Section

ACCEPTANCE OF AWARD

Mr. Frank Hall
Los Angeles County Department of Health Services
Environmental Health
5050 Commerce Drive
Baldwin Park, CA 91706

MOSQUITO CONTROL AWARD # VBDS-MCF-029

FUNDING PERIOD - July 1, 2005 through June 30, 2006

AWARD AMOUNT \$19,425.00

I hereby accept this award and agree to the requirements for accepting this award as specified in the attached Letter of Award. I agree that the California Department of Health Services, Vector-Borne Disease Section, or its representative, has the right to request information and reports relating to this award, from the agency that I represent at any time during the award period, and for three years thereafter.

Authorized Signature

Date

Print Name

Title

State of California

Department of Health Services

FORM A: AGENCY INFORMATIONDate: 07 / 14 / 2005Agency Name: LOS ANGELES COUNTY DHS, ENVIRONMENTAL HEALTHAgency Address: 5050 COMMERCE DRIVEBALDWIN PARK, CA 91706Agency Phone Number: (626) 430-5100 Fax Number: (626) 813-3000County(s) Served: LOS ANGELES COUNTYName of Contact: FRANK HALLContact Phone Number: (626) 430-5450 E-mail: frhall@ladhs.org

Authorized Signature: I verify that information contained in this application is accurate and I am authorized to sign on behalf of the above named agency.

Signature

Arturo Aguirre, Director, Environmental Health
Printed Name and Title

The information contained in this application will be subject to verification via audit.

Does your agency currently provide mosquito control services? Yes ☐ No ☒
If yes, proceed to question #1.

If no, are you contracting or making arrangements with a neighboring mosquito control agency that is signatory to a cooperative agreement with DHS to provide mosquito control services?

Yes ☒ Name of collaborating mosquito control agency: Antelope Valley MVCD

Name of contact: Cei Kratz, Manager

No ☐ Name of VBDS Biologist providing oversight on this award proposal:

If no, then mosquito control must be conducted by pest control businesses that are appropriately licensed and certified by the California Department of Pesticide Regulation.

Non-mosquito control agencies may skip questions #1 - 9.

State of California

Department of Health Services

FORM B: BUDGET INFORMATION
Part 1 – Summary BudgetAgency Name: LAC DHS, Environmental Health for contract services with AVMYODName of Contact: Frank Hall, Chief, Vector Management ProgramContact Phone Number: (626) 430-5450 E-mail: frhall@ladhs.orgSubmission Date: 07/14/ 2005

LINE ITEM CATEGORY	AMOUNT
Temporary Personnel	\$16,050
Mosquito Control Products	1,319
Mosquito Control Equipment ¹	2,056
Contracts (for aerial application of mosquito control products)	0
TOTAL BUDGET	\$19,425

Frank Hall, Chief, Vector Management Program

Prepared by (name, title):

(626) 430-5450

Telephone Number:

¹ Equipment purchased by agencies that are not signatory to a cooperative agreement with DHS may be subject to return to DHS at the conclusion of the award agreement period.

State of California

Department of Health Services

FORM B: BUDGET INFORMATION
Part 2 – Detailed Budget
 (use additional pages as needed)

Agency Name: LAC DHS EH contract with Antelope Valley Mosquito and Vector Control District(AVMVCD)

Personnel

Title/Classification of Temporary Personnel	Approximate Length of Employment (months)	Average Monthly Salary *	Time Base (%)	Total Amount
Vector Control Technician	12 months	\$2160	62%	\$16,050

Include fringe benefits if applicable.

Mosquito Control Products

Name of Product	Quantity	Unit Cost	Total Amount
ectoBac	330 pounds	\$2.00 / lb	\$ 660.00
ectoLex	1056 ounces	0.25 / oz	264.00
Orthoprene	166 ounces	1.99 / oz	330.34
Golden Bear	15 gallons	4.33 / gal	64.95
The above projections have been extrapolated from, and are based on actual usage itemized on the contract previously entered upon with AVMVCD. Percentages are approximate, based on percentage of normal use by District and area to be covered.)			
Totals			\$1319.29

State of California

Department of Health Services

FORM B: BUDGET INFORMATION (Cont.)
Part 2 - Detailed Budget
(use additional pages as needed)**Mosquito Control Equipment**

Description of Equipment	Quantity	Unit Cost	Total Amount
Vehicle Rental	1	\$2,056.00	\$2,056.00
Total			\$2,056.00

Contracts

Name of Contractor: _____

Type of Service Provided: _____

Products to be Applied	Application Frequency	# of Acres to be Treated	Total Amount

Name of Contractor: _____

Type of Service Provided: _____

Products to be Applied	Application Frequency	# of Acres to be Treated	Total Amount

Name of Contractor: _____

Type of Service Provided: _____

Products to be Applied	Application Frequency	# of Acres to be Treated	Total Amount

State of California

Department of Health Services

FORM B: BUDGET INFORMATION**Part 3 – Budget Justification**

(Please attach to Form B)

Agency Name: Los Angeles County Department of Health Services, Environmental Health

For each of the four categories listed on Part 2 – Detailed Budget, provide a brief justification for the request. Please discuss: 1) why current resources are insufficient, 2) how additional staff will be used, 3) which problem habitats require enhanced control, 4) what sources of mosquitoes are currently not controlled, and 5) why additional equipment or contractual services are needed. (You may use no more than three additional pages as needed.)

Introduction: While the majority of Los Angeles County residents are provided exceptional surveillance and control services through the efforts of various mosquito and vector control districts, an estimated 186,000 residents living in an area of approximately 1500 square miles in the northern portion of the county were without these services. It had long been suspected that residents living in non-serviced areas were at greater risk of being infected by mosquitoes transmitting arboviruses, due not only to the absence of mosquito abatement activities, but also to established mosquito breeding habitats that existed in developed residential communities.

Early in 2004, the Los Angeles County Board of Supervisors voted unanimously to confer emergency funds that would provide contracted mosquito surveillance and abatement services to residents living in uncovered areas. Funds were appropriated for these temporary services from an existing cooperative agreement (No. U50/ CCU 912 801-07 Extension, West Nile Virus Supplement, Epidemiology and Laboratory Capacity (ELC) for Infectious Diseases) as well as existing available emergency funds within the DHS budget. The period designated for temporary services was to run from July 1, 2004 through June 30, 2005.

Since all funds allocated were of a temporary nature, it was hoped that residents in those areas to receive the temporary services would eventually vote to begin the annexation process and become a permanent part of an existing mosquito abatement district.

As of July 14, 2005, only those residents in the areas of Quartz Hill, Rancho Vista, and west Palmdale have approved annexation to the Antelope Valley MVCD, all other residents living in unincorporated areas not annexed will be without these vital services beginning August 1, 2005.

Discussion: **Why the current resources are insufficient.** The temporary funds used to provide emergency mosquito surveillance and abatement services to residents in uncovered areas during the period between July 1, 2004 and June

30, 2005 were apportioned from a cooperative agreement and emergency funds. These funds are no longer available.

Despite both the current and projected risk of West Nile virus to residents in those areas not annexed, current budget restraints suggest Los Angeles County will not be able to provide the residents of uncovered unincorporated areas these vital services for the remainder of the mosquito season or in the near the future.

Discussion: How additional staff will be used? The Vector Control Technician employed by the Antelope Valley MVCD will provide routine abatement activities to recognized mosquito breeding habitats as well as to those breeding sites identified during regular surveys. The technician will also dispense mosquito fish to residents, perform regular maintenance to two sentinel chicken coups, bi-monthly sentinel chicken bleeding, and mosquito trapping.

Discussion: Which problem habitats require enhanced control? During an initial survey which was conducted by LAC Environmental Health beginning in the fall of 2003, a total of 383 active and potential breeding sources were observed and recorded in 78.4% of grids surveyed (58/74). Sampling was conducted at 25% of identified water sources (95/383) and of those sites, 16% (15/95) revealed active mosquito breeding. Of the 18 various types of potential breeding sources observed, animal pens represented the greatest percentage (24.1%, 92/383) followed closely by unimproved drainage (14.1%, 54/383), residential yards (13.4% 51/383), and road-side gutters (12.1% 46/383).

Results from this survey demonstrated a significant public risk for potential exposure to mosquitoes and mosquito-borne disease to residents living in the survey area who were without routine mosquito surveillance and control services. The most significant sources for mosquito breeding identified were retention basins (47%, 7/15) incorporated into the planning and design of developed housing communities. These sites represent a serious risk not only to residents within each development, but also to residents living within the jurisdiction of AVMVCD who reside immediately adjacent to, or are surrounded by, non-serviced communities.

Discussion: What sources of mosquitoes are currently not controlled? Those sources identified in the survey located in high density residential areas without mosquito control services beginning September 1, 2005 will be at significant risk due to an absence of abatement activities. For a detail of those areas that will be without services, please refer to the attached map. Areas not shaded, except for the newly annexed areas of Quartz Hill / Rancho Vista, are under the jurisdiction of Los Angeles County.